



Illinois report cards

Steering Committee Meeting - appendix

June 1, 2011

THE BOSTON CONSULTING GROUP

Appendix

- College & Career Readiness: ACT composite and subject-specific pros, cons
- IL student performance on ACT
- IL university ACT average percentile scores
- HS to College Success Report estimated coverage
- IL teacher ACT score coverage
- Example report cards Chicago, Dallas, Seattle, NYC, LAUSD, South Carolina

Recommend reporting college & career readiness via ACT composite score, not subject scores after weighing pros, cons

Assess college and career readiness according to performance against an ACT composite benchmark (e.g. 20 or 21)

Assess college and career readiness according to performance against ACT's subject specific benchmarks1

Pros

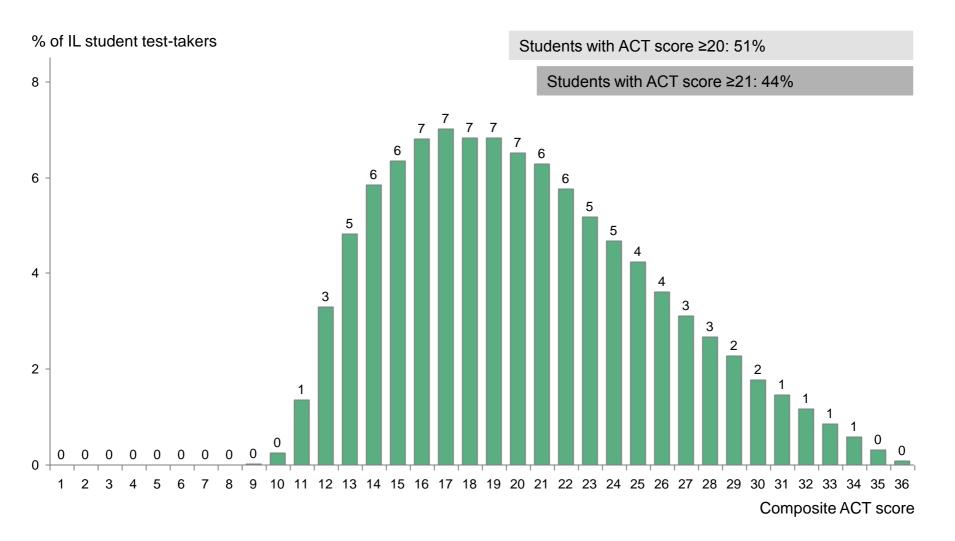
- Simple to understand by parents, other audience
- Allows for students to highlight strengths
 - e.g. someone intending to be a Math major may still do well in college despite weak **ACT English score**
- Benchmarks supported by ACT research, longitudinal data
- Belief that most colleges assess ACT scores by subject

Cons

- No research consensus regarding composite college & career readiness benchmark
 - IL would have to 'make a call' and assess over time via longitudinal data
- Belief that most colleges assess ACT scores by subject, not composite

- More complex for parents, other audience to absorb on report card one-pager
- Some question validity of ACT benchmarks
 - Writing perceived too low most scoring18 would be enrolled in remedial courses and such students not included in study
 - Science perceived too high S. Cordogan claims only science majors taking Biology sampled for science test

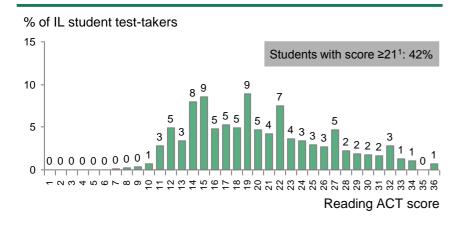
Composite ACT performance: 51% of students scored ≥ 20, 44% scored ≥ 21



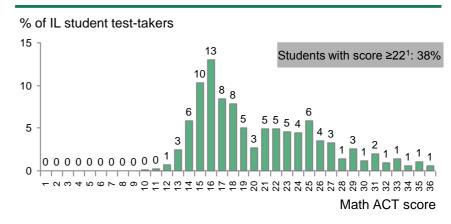
IL student performance on ACT subject-specific exams

Highlighting performance vs. ACT's subject-specific college & career readiness benchmarks

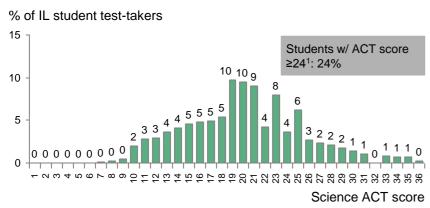
Reading ACT: 42% of students scored ≥ 21¹



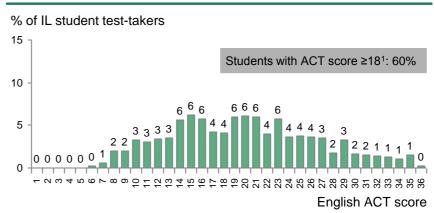
Math ACT: 38% of students scored ≥ 221



Science ACT: 24% of students scored ≥ 24¹



English ACT: 60% of students scored ≥ 18¹

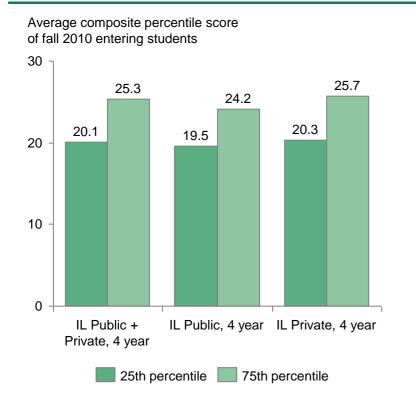


1. ACT College & Career Readiness benchmark
Note: ACT College & Career Readiness subject-specific benchmark. Reading = 21, Math = 22, English = 18, Science = 24

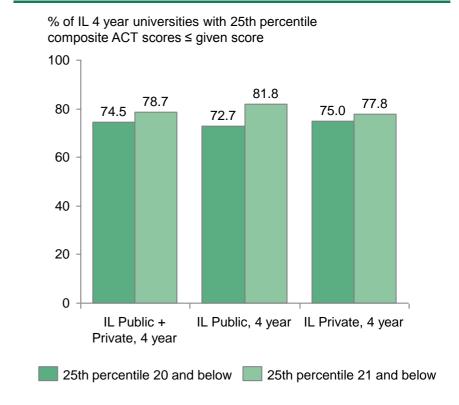
20 ACT appears sufficient for admission to most IL universities

Based on average of 25th percentile ACT scores, % of universities with 25th percentile score ≤ 20

Average of composite 25th percentile scores is 20.1 across IL public and private universities



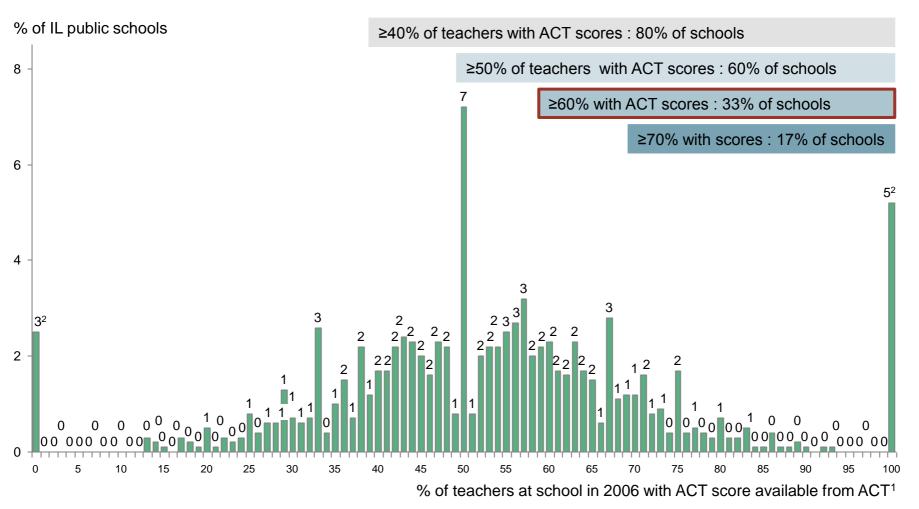
And, nearly 75% of IL public and private universities have 25th percentile ACT scores ≤ 20



However, potential concerns about setting a benchmark at the 25th percentile

Teacher ACT score coverage varies widely across schools

1/3 of schools have access to teacher ACT scores for at least 60% of their teachers



^{1.} ACT matches teacher identifiers provided by ISBE to their ACT score database; scores are not available (i.e. no match occurred) either because a teacher didn't take the ACT or there was a match error due to missing records, typos, name changes from marriage, missed bubbles on ACT forms, etc. 2. Majority of schools have small number of teachers.

Source: IERC ITAC Data (ACT, 2006).

HS to College Success Report estimated to include 30-40% of IL HS graduates who attend post-secondary institutions

		IL first-	time degree <i>l</i> under	/ certificate-se grads	eking	
	Institution type	Scenario 1 ² Scenario 2 ² (full-time / part-time split) (full-time / part-time split)				
		#	%	#	%	
	IL Community College	24,748	27%	24,748	27%	
4	Full-time IL community college	9,693	11%	17,221	19%	
	Part-time IL community college	15,055	17%	7,527	8%	
	IL Public 4-yr+ college	21,887	24%	21,887	24%	
1	Full-time IL public 4-yr+	19,131	21%	20,509	23%	
	Part-time IL public 4-yr+	2,756	3%	1,378	2%	
	IL Private Colleges ¹	26,569	29%	26,569	29%	
	Out-of-state institutions	17,249	19%	17,249	19%	
	Total	90,453		90,453		

32%

Source: Includes Fall 2010 First-time degree/certificate-seeking undergraduate students who graduated from high school in the past 12 months who were considered IL resident at time of entry at degree-granting institutions of at least two years; includes all institutions of at least two-years that reported data to the Integrated Postsecondary Education Data System (IPEDS).

110601 ||L report card SCM vLTM appendix.pptx

% of IL HS graduates who attend post-

secondary institutions included in report

Report will include firsttime. full-time students at IL public 2 and 4 yr

institutions

42%

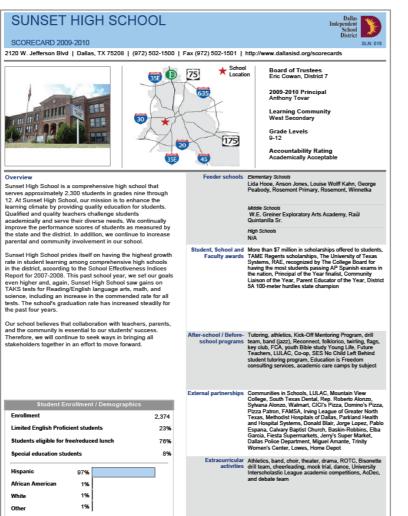
^{1.} Includes for-profit and not-for-profit institutions. 2. Scenario 1 is based on split between full-time and part-time students in IL community colleges and public 4-yr+ institutions, not just firsttime students (community colleges: 39% full-time and 61% part-time; 4-yr+: 87% full-time and 13% part-time). Scenario 2 is a sensitivity that reduces the part-time percentage by 50% (community colleges: 70% full-time and 30% part-time; 4-yr +: 94% full-time and 6% part-time).

Chicago (prior version)

Includes score, CPS rank, and trends & benchmarks

Paul Robeson High School 8835 South Normal Blvd. · Chicago, IL 60621 · (773) 535-3800 SCHOOL SCORECARD		Tota % ELI	flects 9-12 enrollment. I Membership: 1,230 . Membership: 0.0 sial Education: 25.8
_	Score	CPS Rank	Trends & Benchmarks
STUDENT OUTCOMES			
Freshman Graduating in Five Years	39%	54 of 58	32 35 39 2003 2004 2005
Graduates Enrolled in College or Post-Secondary Education	38%	36 of 62	-
Employment Success (Under construction, available Fall 2006)	-	-	-
_			
ACADEMIC PROGRESS			
<u>=</u>			
Average ACT	14.7	56 of 69	Illinois Average - 19.9
Students Making Expected Gains	38%	39 of 70	-
Meet/Exceed PSAE State Standards	8%	62 of 69	5 7 8 2003 2004 2005
Students Enrolled in Advanced Placement Classes	3%	46 of 52	-
Students Scoring 3+ on Advanced Placement Exams	0%	27 of 27	-
Freshman On-Track to Graduate	40%	65 of 70	42 38 40 2003 2004 2005
Made NCLB Adequate Yearly Progress	No	-	_
STUDENT CONNECTION			
Average Days Absent per Student	45.2	78 of 81	-
Participation in Extracurricular Activities (Under construction, available Fall 2006)	-	-	-
Safe and Respectful School Climate (Under construction, available Fall 2006)	-	-	-
High Expectations and Support (Under construction, available Fall 2006)	-	-	-
SCHOOL CHARACTERISTICS			
Highly Qualified Teachers	78%	61 of 78	-
Average Days Absent per Teacher (Under construction, available Fall 2006)	-	-	-
School Cleanliness (Under construction, available Fall 2006)	-	-	-

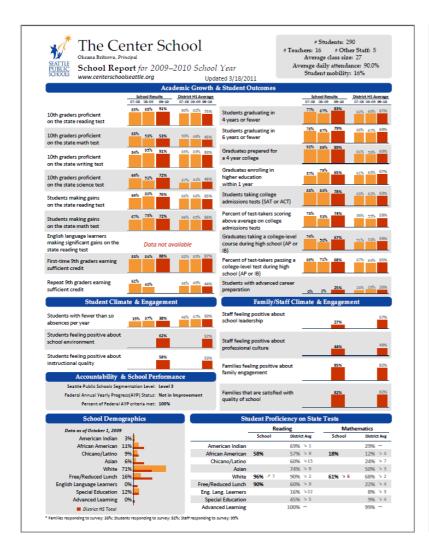
Includes 3-year trend with arrows to communicate increases or decreases and 2010 goal and rank

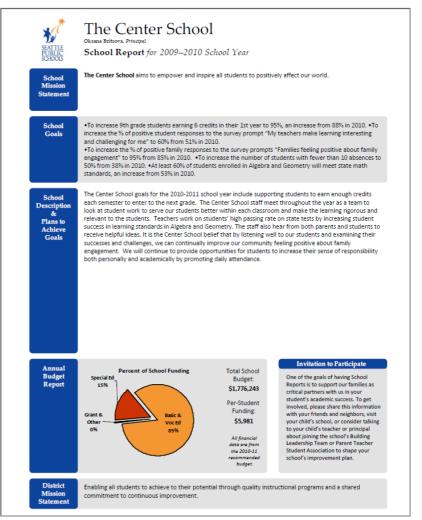


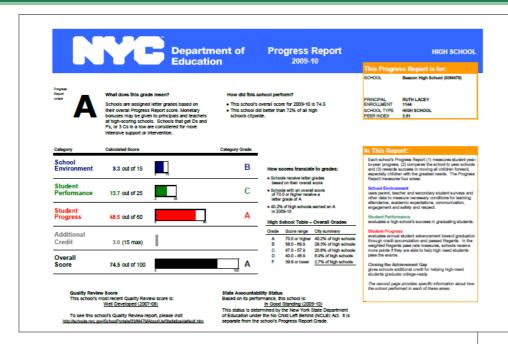
		Oldest	3-YE	AR TREM	ID_	Current	2010 GOAL	HS RANK	Oldest	3-YE	AR TRE	ND_	Current	2010 GOAL	HS RANK
		TAVC	Chuda			linimum St		T ACHIEVEMEN	IT		TAVO	Cam		erformance	
	Reading / ELA	82 0%	Sittle	86.6%	net w	88.4%	90%	***	9.1%	_	11.9%	Com	10.7%	_	
	-		-		<u>-</u>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-				50%	****
	Mathematics	57.0%	_	65.5%	_	70.7%	90%	****	8.2%	_	12.9%		10.4%	50%	***
	Science	62.0%	_	68.3%	_	80.2%	90%	***	4.2%	_	7.2%	_	8.6%	50%	***
	Social Studies	91.0%	\leftrightarrow	91.0%	_	94.5%	90%	****	20.7%	A	28.3%	A	36.7%	50%	****
	Students who took	an Adva	anced	Placeme	nt (Al	P) test**			32.0%	▼	27.4%	▼	23.2%	50%	★★☆☆
	Test takers scoring	3, 4, or	5 on	at least o	ne Af	test"			39.0%	•	17.5%	_	27.4%	50%	***
	Average Score** Graduates who have taken either SAT or ACT**								46.0%	_	46.5%	•	44.6%	70%	★ \$\\$\\$\\$
	SAT - 825	Exam	ninees	s with coll	ene-r	eady SAT/	ACT score		3.0%	₹	6.0%	÷	4.4%	50%	***
	ACT = 16				_	cac, com				-		•			
Te	duates enrolled in p	ost-seco	noan	/ education	in-				36.0%		37.0%		39.0%	-	***
tu	dents completing at	least on	e TE/	4 advance	ed or	dual enroll	ment cours	e"	20.0%	▼	12.7%	\leftrightarrow	12.7%	35%	★ \$\$\$\$\$
er	cent of district's adv	anced co	urricul	lum offere	d				45.7%	_	52.9%	_	59.4%	-	****
							ON TRAC	K / GRADUATIO	ON						
tu	dents who graduate	in four y	years'						55.0%	_	63.1%	_	63.9%	95%	★★☆☆
tu	dents present at lea	st 90% (of the	time					75.0%	•	73.3%	•	66.9%	-	★४४४४
re	shmen on track for	graduatio	on						60.0%	_	75.0%	•	74.6%		***
							STUD	ENT GROWTH							
tu	dents who made ex	pected g	jains (on TAKS	Read	ling			78.0%	•	74.0%		n/a	-	
Stu	dents who made ex	pected g	jains (on TAKS	Math	ematics			60.0%	_	63.7%		n/a	-	
Sch	nool Effectiveness In	idex (SE	l - av	erage sco	re is	50)			60.0	•	51.0	•	47.0		*****
							Т	EACHERS				ė			
١v	erage teacher attend	lance rat	te						92.0%	_	92.5%	_	92.7%	-	***
Te:	chers retained from	previou	s yea	r					86.0%	•	81.9%	$\overline{\mathbf{A}}$	87.2%	_	***
							LEARNIN	G ENVIRONMEN	NT						
	Parents who complet	ted surve	y = 6	13 out 0	f 23	74 = 26%						Agree	9	Not Sure	Disagree
	Parents are satisfied		•	•										24.5%	5.3%
	Parents believe the school has a welcoming environment											59.9%		29.6%	10.5%
	Parents are satisfied with the school facilities and cleanliness											39.0%		37.7%	23.4%
	The school informs parents about their child's grades and learning progress throughou								t the year	_		72.7%		19.7%	7.6%
	The school responds to concerns in a timely manner											35.7%		45.8%	18.5%
	Students who completed survey = 687 out of 2374 = 29%										Often S 50.2%			ometimes 41.7%	Never 8.1%
	Students feel safe when on campus Students are given homework from their teachers											32.09		57.5%	10.5%
	Students feel challenged with coursework									31.6%			58.0%	10.4%	
	Students believe courses are relevant to their future									53.2%			39.1%	7.8%	
	Students are encouraged to use what they learn in everyday life								42.2%				48.8%	9.0%	
	Students participate in sports or athletics										28.69	%	30.9%	40.5%	
	Students participate in arts, music, clubs, or student council											25.9%			

Seattle

Bar charts highlight 3-year trend for school and district average







Additional Information

Closing the Achievement Gap

Schools earn additional credit when their high-need students achieve exemplary outcomes. In high school, our ultimate goal is for all students to graduate ready for college. Accordingly, schools can earn additional credit based on the weighted diploma rate of high needs students, which gives higher weight to students with more college-ready diplomas such as Recents and Advanced Recents.

Schools can also earn additional credit based on the percentage of students, in the lowest third cligwide who score a 75 or higher on the English Regents or on a Math Regents. Students with these scores are more likely to be able to attend a four-year University without the need for remedial classes.

This component can only improve a school's Progress Report grade. It cannot lower a school's grade.

Credit	Exemplary Outcomes	Additional Credit Category					
		Weighted 4-Year Diploma Rate					
	-	English Language Learners					
+3	384.6%	SETSS / CTT / Self-Contained Students					
	-	Students in the Lowest Third Citywide					
		Lowest Third Citywide					
	-	Scored 75 or higher on the ELA Regents					
	-	Scored 75 or higher on the Math Regents					
(-) indicate	e less than than th	e minimum number of students in this category					

Peer Schools

Each school's performance is compared to the performance of schools in its peer group. Peer schools are those New York City public schools with a student population most like this school's population. Each school has up to 40 peer schools.

For High Schools, peer schools are determined based on four factors: 1) the average ELA and Math proficiency levels of the school's students before they entered High School, 2) the precentage of special education students, 3) the percentage of self-contained special education students, and 4) the percentage of students who enter high school 2 or more years overage. A lower peer index indicates an aligner need population.

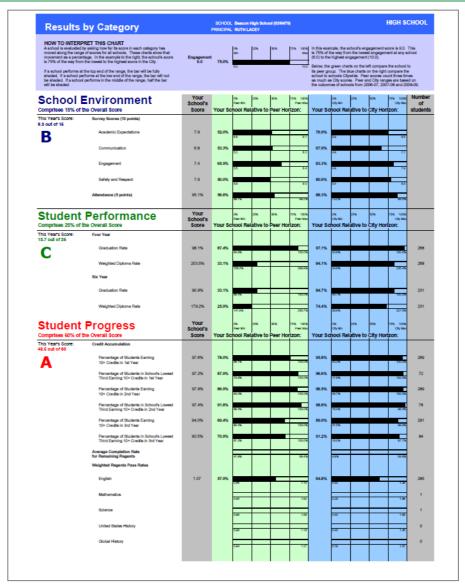
The peer schools for Beacon High School are:

	SCHOOL HEALTS		ochoor Haire
250525	Townsend Harris High School	029411	Baruch College Campus High School
1000445	Bronx High School of Science	300,501	Frank Sinatra School of the Arts High School
31R605	Staten Island Technical High School	200204	York Early College Academy
250,667	Queens High School for the Sciences at York Colleg	029416	Millennium High School
01M696	Bard High School Early College	02M376	NYC ISchool
13K430	Brooklyn Technical High School	17K590	Medgar Evers College Preparatory School
100096	High School of American Studies at Lehman College	1386570	Benjamin Banneker Academy
0584692	High School for Mathematics, Science and Engineer	22K555	Brooklyn College Academy
270323	Scholars' Academy	03M541	Manhattan / Hunter Science High School
240299	Bard High School Early College II	028408	Professional Performing Arts High School
038465	Florello H. LeGuardia High School of Music & Art an	84X704	Kipp Academy Charter School
1486449	Brooklyn Latin School, The	17K543	Science, Technology and Research Early College High Sch
84K355	Williamsburg Collegiste Charter School	029412	N.Y.C. Lab School for Collaborative Studies
028416	Eleanor Roosevelt High School	3002286	Young Women's Leadership School, Astoria
3002580	Baccalaureate School for Global Education	270650	High School for Construction Trades, Engineering and Archi
54M336	Kipp Infinity Charter School	54M709	Harlem Village Academy Charter School
01M539	New Explorations into Science, Technology and Mai	02M519	Talent Unlimited High School
22K535	Leon M. Goldstein High School for the Sciences	1200478	THE CINEMA SCHOOL
290680	Queens Gateway to Health Sciences Secondary Sci	228/405	Midwood High School
54M335	Leadership Wilege Academy Charter School		

The Progress Report is a key component of Mayor Michael R. Bioomberg's and Chancelor Joel I. Klein's Children First reforms. The Progress Report is designed to assist administrators, principals and teachers in accelerating the learning of all students. The Progress Report also enables students, persist and the public to bridge of Biotechian and is schools accountable for student achievement and for proving a high quality detaction for every student in NYO's public schools. If you have any questions or comments about the Progress Report, please visit http://schools.ny.c.gov/Accountability/Tools/Report/Default.htm or send us an email at or support/flockorism.com.

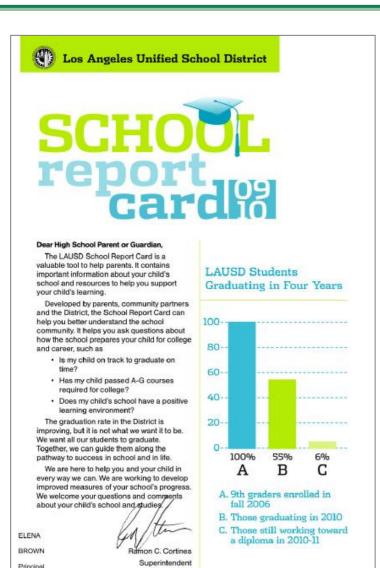
NYC (2 of 2)

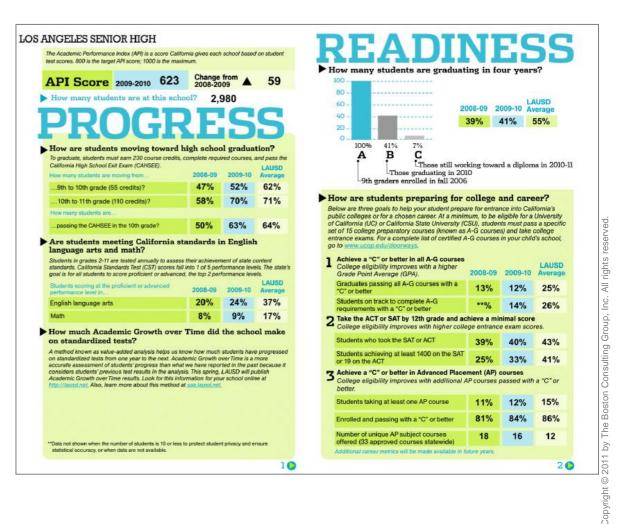
One-pager includes school performance and comparisons to peer and city horizon



Los Angeles (1 of 2)

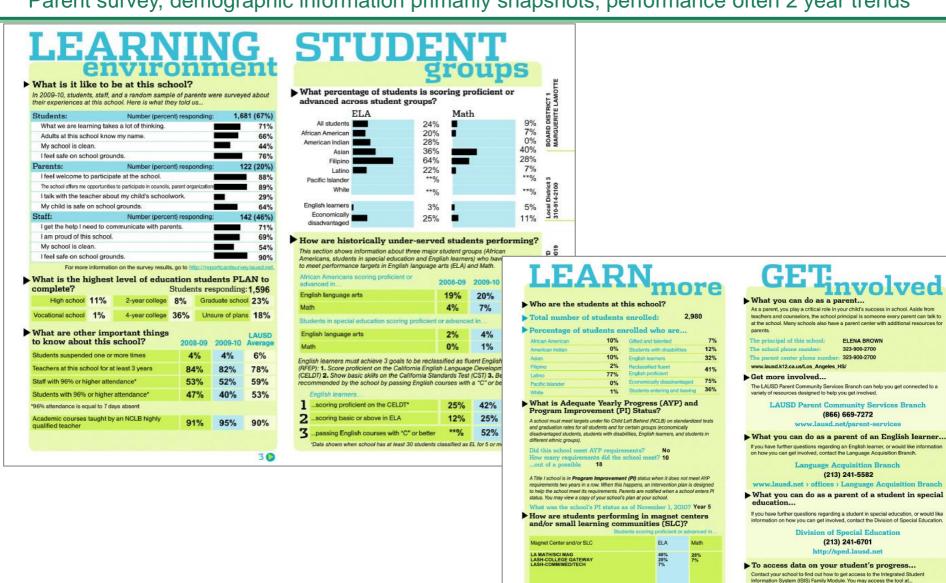
Use of varied displays (data points, graphs), 2 year trends, and district average





Los Angeles (2 of 2)

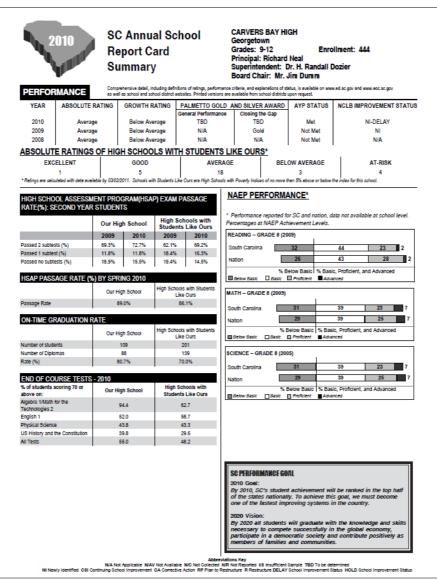
Parent survey, demographic information primarily snapshots; performance often 2 year trends



http://family.lausd.net

South Carolina (1 of 2)

Compares school performance to 'high schools with students like ours' and NAEP scores to nation



South Carolina (2 of 2)

'Environment' metrics include school percentage, change from last year, peers, median high school

SCHOOL PROFILE			1	1	REPORT OF PRINCIPAL AND SCHOOL IMPROVEMENT COUNCIL
	Our School	Change from Last Year	High Schools with Students Like Ours	Median High School	Carvers Bay High School (CBHS) is a comprehensive high school located in rural Georgetown County, South
Students (n=444)					Carolina. Our community consists of many single family
Retention rate Attendance rate	6.1%	Down from 10.9% Down from 94.7%	3.9%	3.7% 95.4%	households. The unemployment rate continues to increase
Eligible for gifted and talented	14.8%	Up from 12.8%	6.9%	12.4%	and forces families in this area to move away to find employment. The school is in its fourth year of the Teacher
With disabilities other than speech	13.5%	Down from 15.1%	14.3%	12.8%	Advancement Program (TAP) initiative and has improved
Older than usual for grade	15.5%	No Change	11.2%	9.1%	the achievement gap for 2009-2010. Carvers Bay received
Out-of-school suspensions or expulsions for violent and/or criminal offenses	0.0%	Down from 1.9%	0.9%	1.1%	the state Palmetto Gold Award for closing the achievement
Enrolled in AP/IB programs	15.9%	Up from 7.0%	8.7%	13.1%	gap. The school's building construction and agricultural science programs are on the cutting edge by challenging
Successful on AP/IB exams	25.0%	N/A	24.8%	50.4%	our students with hands-on experience and providing them
Eligible for LIFE Scholarship Annual dropout rate	28.9%	Down from 30.6% Up from 1.2%	27.8%	30.4%	with life skills.
Annual dropout rate Careentechnology students in co-curricular					Carvers Bay High's challenge is to increase the number of
organizations	15.9%	Up from 6.2%	4.4%	2.2%	students that meet readiness standards for postsecondary
Enrollment in careentechnology courses	273	Down from 325	320	424	education, the workplace, and the military by adopting a
	98.2%	Up from 92.4%	72.2%	78.7%	culture of high expectations through a more rigorous
Teachers (n=41)	45.3%	Down from 47.6%	57.9%	60.4%	curriculum.
Teachers with advanced degrees Continuing contract teachers	46.3% 63.4%	Down from 47.6% Down from 66.7%	57.9% 68.7%	76.6%	Future goals include increasing the number of AP classes
Teachers with emergency or provisional certificates	13.9%	Down from 17.5%	11.9%	6.5%	offered to our students, providing students with the
Teachers returning from previous year	88.2%	Up from 86.3%	83.7%	85.8%	opportunity to have more challenging academic classes,
Teacher attendance rate	95.2%	Down from 95.4%	95.8%	95.8%	partnering with community civic organizations to provide opportunities for students to participate in service learning
Average teacher salary* Classes not laught by highly qualified teachers	\$47,243 6.1%	Down 3.3% Up from 2.4%	\$46,472 3.9%	\$47,390 2.8%	projects, as well as, developing a working plan where
Professional development days/teacher	7.6 days	Down from 12.5 days	10.1 days	10.0 days	teachers will have collaborative planning time within the
School					school and with the feeder middle school. We will continue to build a strong relationship with district and community in
Principal's years at school	1.0	Down from 2.0	3.0	4.0	our commitment to improving student achievement.
Student-teacher ratio in core subjects	17.5 to 1	Down from 21.9 to 1	22.7 to 1	25.8 to 1	
Prime instructional time	87.4%	Down from 88.4%	88.4% \$8.704	90.1%	Sincerely.
Dollars spent per pupil** Percent of expenditures for teacher salaries**	\$11,658 49.0%	Up 4.1% Up from 46.9%	53.6%	55.4%	Richard Neal. Principal
Percent of expenditures for instruction**	54.6%	Up from 53.3%	59.6%	60.4%	
Opportunities in the arts	Excellent	No Change	Excellent	Excellent	
SACS accreditation	Yes 91.3%	No Change Down from 99.8%	Yes 95.0%	Yes 96.0%	Armtria Bromell School Improvement Council Chair
Parents attending conferences Character development program	Excellent	Up from Good	Good	Good	
No of AYP objectives met Length of control = 185- days. Prior year audited financial data available.	100.0%	Up from 53.8%	62.4%	69.2%	
EVALUATION RESULTS			1		_
Number of commercial		Teachers St		Parents*	
Number of surveys returned Percent satisfied with learning environment			71 84 1%	90.0%	
Percent satisfied with learning environment Percent satisfied with social and physical envir	ronment		89.2%	80.0%	
Percent satisfied with school-home relations			93.8%	90.0%	
Only students at the highest high school grade lev	el at this school		ncluded.	20.074	
Comprehensive detail, includi definitions of ratings, performs criteria, and explanations of st available on www.ed.sc.gov a www.eoc.sc.gov as well as a school district websites.	ance atus, is and	1			
Printed versions are available	from				